Metrics and the Population Health Navigator (Asthma)

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19 March 2006

Notice

- Disclaimer
  - The views expressed in this presentation are those of the author and do not necessarily reflect the official policy or position of the Department of the Navy, Department of Defense, or the United States Government.
- Research Ethics Statement
  - I declare no conflicts of interest or financial interests in any product or service mentioned in this article, including grants, employment, stock holdings, gifts, or honoraria.

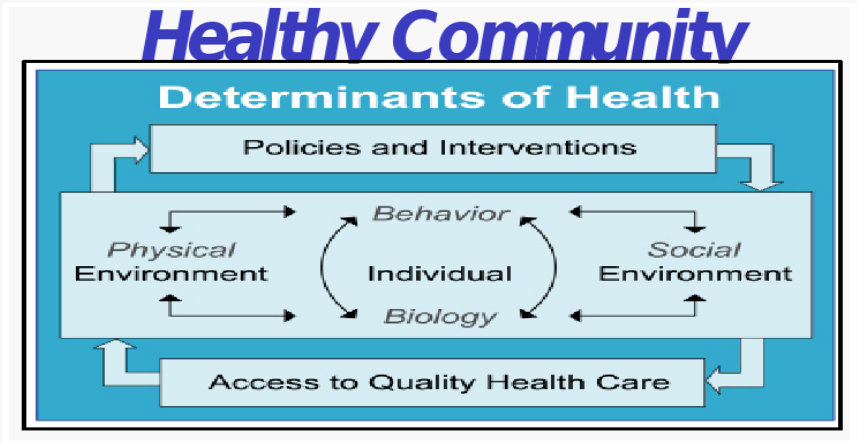
Acknowledgements

- Population Health Navigator
  - Developed by LTCOL Chris Phillips
- Metrics dashboard
  - NMIMC
- Many slides (406)
  - LCDR Von Thun

Objectives

- Population Health Navigator (45 minutes)
  - Describe contents of the PHN
  - Describe how to use the PHN
  - Manipulate data from the PHN for specific conditions
- Questions (5 minutes)
- Hands-on (20 minutes)

7 PHI Key Process Elements



1. Identify the Population

2. Forecast Demand

3. Manage Demand

6. Community Outreach

MHS

Optimize Clinical System

4. Manage Capacity

5. Evidence-Based Primary, Secondary, & Tertiary Prevention

7. Analyze Performance & Health Status

Naval Population Health Navigator Page - Microsoft Internet Explorer

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Address http://www-nehc.med.navy.mil/hp/ph_navigator/ Go Links

Force Health Protection | Home | Index | Directorates | Field Activities | Special Interest

Ensure Navy and Marine Corps readiness through leadership in prevention of disease and promotion of health

NAVY POPULATION HEALTH NAVIGATOR

NAVY MEDICINE
World Class Care...Anytime, Anywhere

LINKS AND RESOURCES

- **Population Health Navigator**
- **Population Health Navigator Dashboard**
- **Population Health Navigator Frequently Asked Questions**
- **Population Health Navigator Instructional Brief**
- **FY 2005 Navy Medicine Disease State and Condition Management**
  (BUMED Note 6310, 3 Dec 2004)
- **Medical Implementation of Population Health Navigator and Metrics**
  (BUMED Msg 033301Z JUN 2004)
- **Population Health Navigator - Charting the Course in Population Health Management for Navy Medicine** B.K. Bohnker, A.M. Von Thun, E.M. Ruschmeier, Navy Medicine 95(6):19-20, 2004

OTHER POPULATION HEALTH LINKS

Internet

Address http://www-nehc.med.navy.mil/hp/PH_Navigator/FAQ.htm

Navy Environmental Health Center

Force Health Protection | Home | Index | Directorates | Field Activities | Special Interest

NAVY POPULATION HEALTH NAVIGATOR

NAVY MEDICINE
World Class Care....Anytime, Anywhere

Population Health Navigator Frequently Asked Questions

General Questions:

What is Population Health Navigator (PHN)?
What are some of the features of PHN?
How can I use the PHN action lists?

Administrative and Methodology Questions:

How do I get an account?
How do I get assistance with PHN?
Where does the data for PHN come from and how often is it updated?
How is enrollment determined?
Where can I find the methodology for PHN?
How did the PHN derive the methods used?

HEDIS® Questions:

What are HEDIS® metrics?
How do I compare our HEDIS® metrics?
Why are the denominators in the HEDIS® metric and the Action List different?
How do I know which patients are HEDIS® eligible?

Other Questions:

Why do you put information on high utilizers on the PHN?
Why does the PHN data not reflect what I see in the medical record?
How does PHN compare to PHOTO?
What are some of the strengths and limitations of PHN?
If my command is already using another database or disease registry, do I need to use PHN?
How are the PHN and the BUMED Business Plan linked?

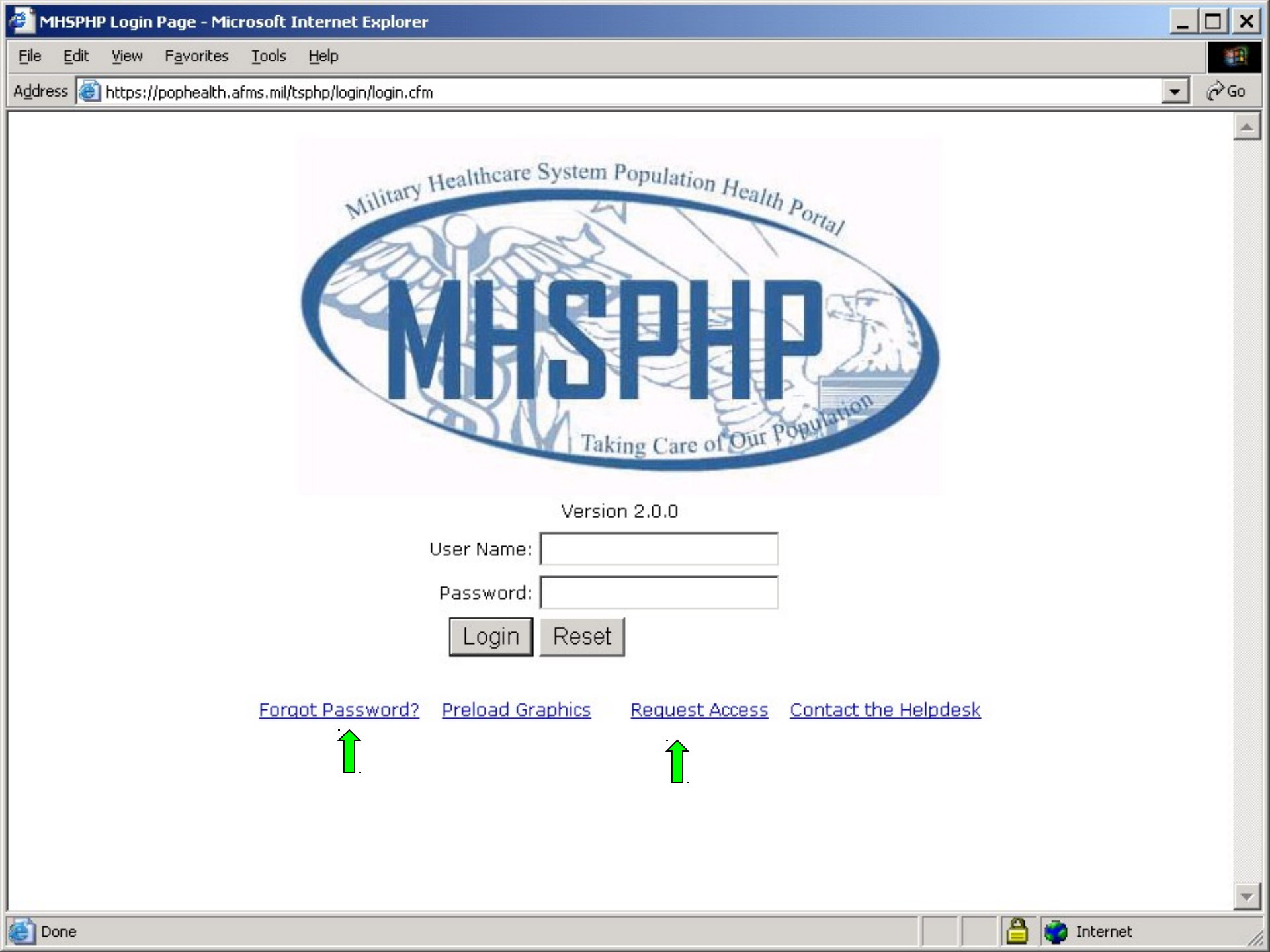
To obtain a PHN account:

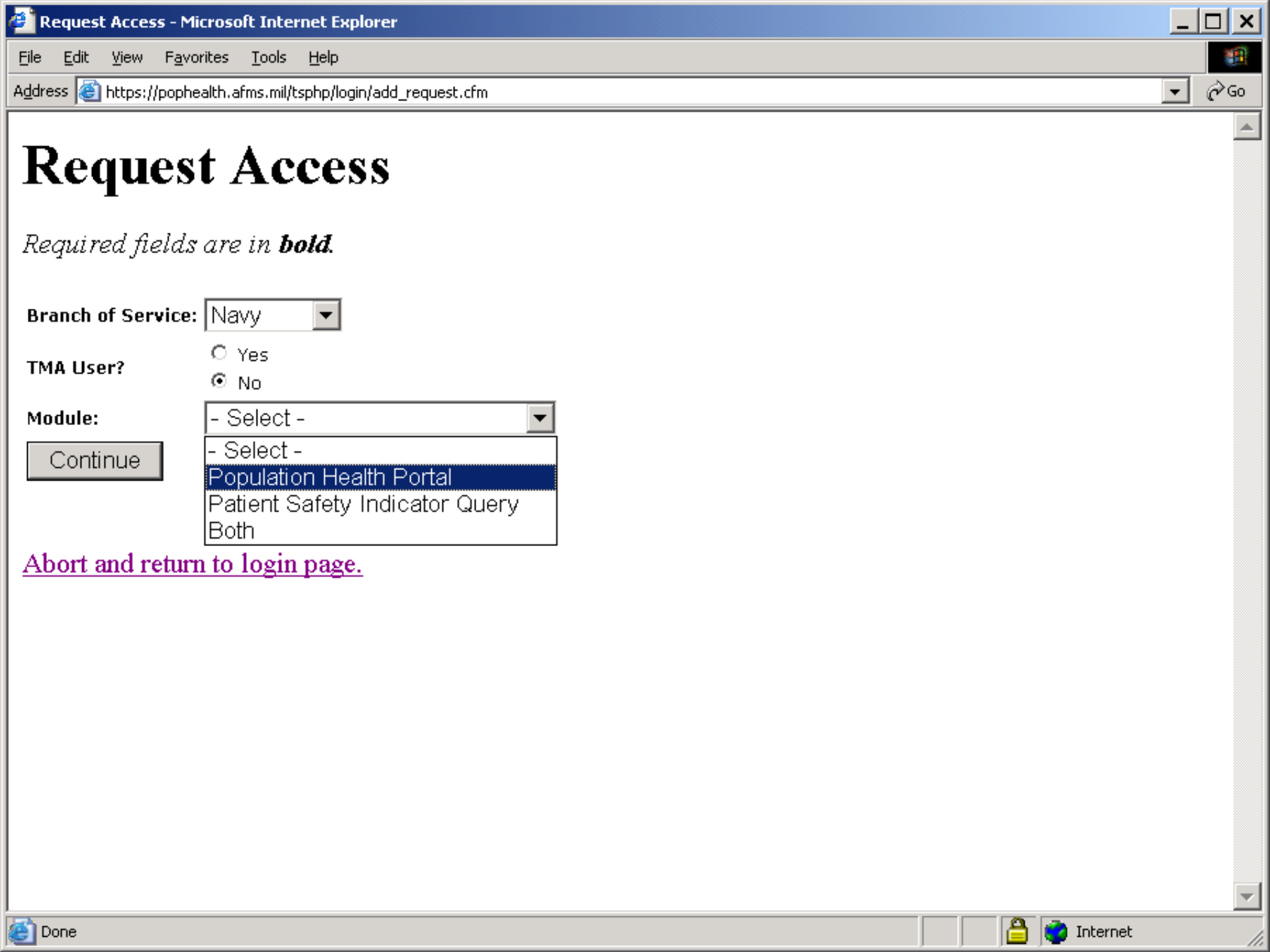
- Command endorsement
- Request account via PHN website

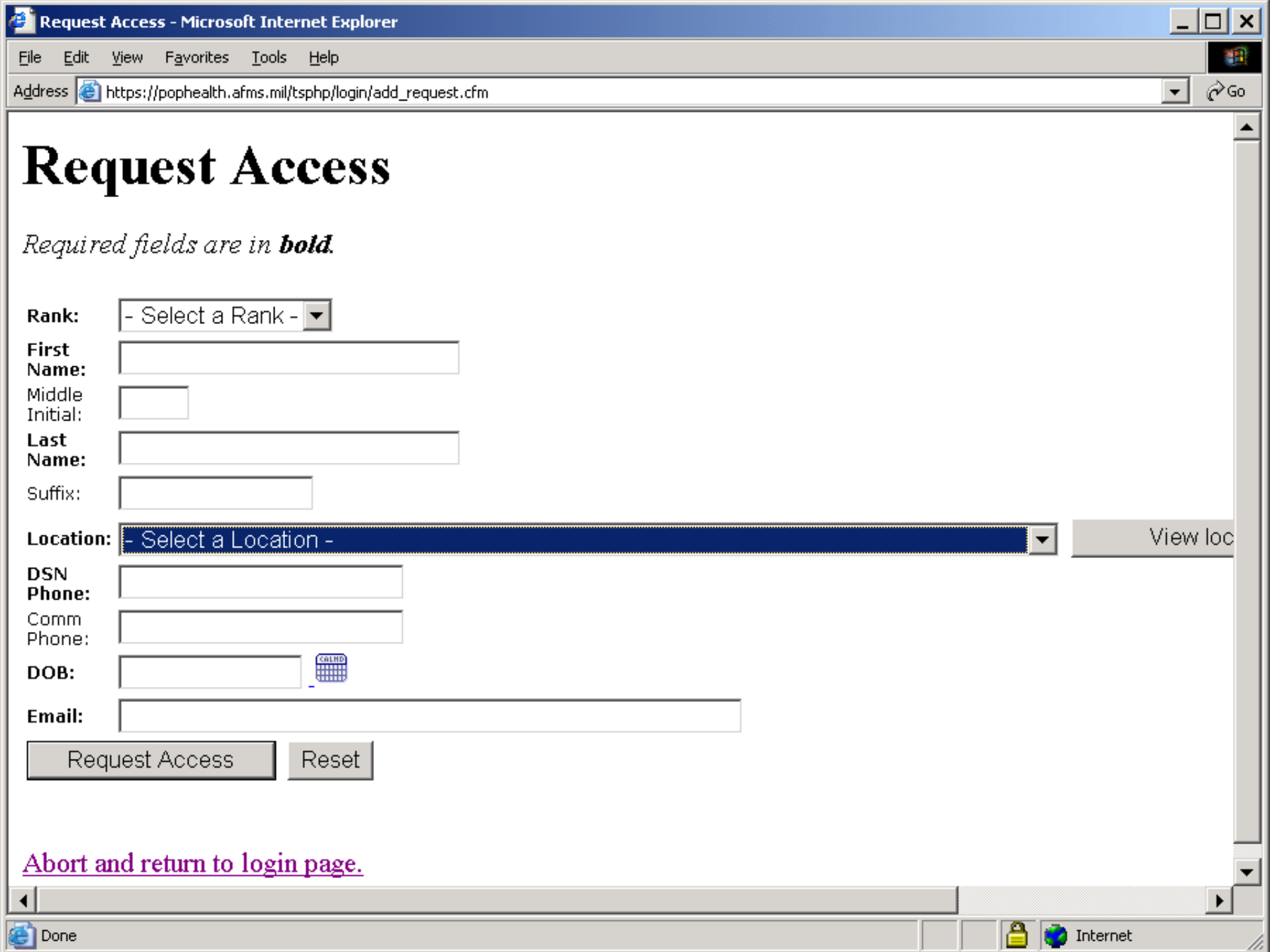
POC: CDR Peggy Sleichter (BUMED)

E-mail: phn.admin@us.med.navy.mil

Phone: #(202) 762-3125


MHSPHP Login Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address https://pophealth.afms.mil/tsphp/login/login.cfm
Go
Military Healthcare System Population Health Portal
MHSPHP
Taking Care of Our Population
Version 2.0.0
User Name:
Password:
Login
Reset
Forgot Password?
Preload Graphics
Request Access
Contact the Helpdesk
Done
Internet

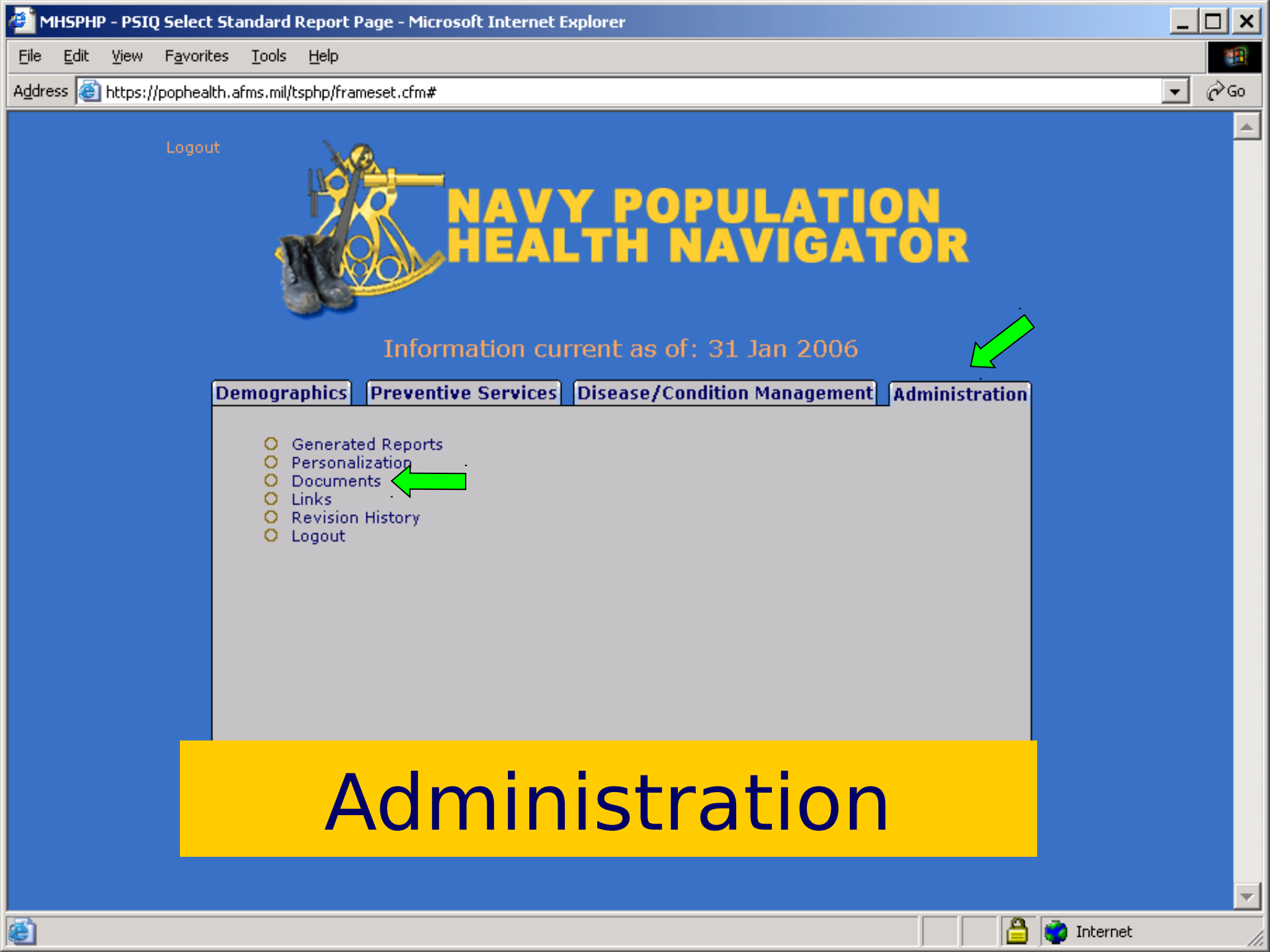

Request Access - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address https://pophealth.afms.mil/tsphp/login/add_request.cfm
Go
Request Access
Required fields are in bold.
Branch of Service: Navy
TMA User? Yes No
Module: - Select -
Continue
- Select -
Population Health Portal
Patient Safety Indicator Query
Both
Abort and return to login page.
Done
Internet


Request Access - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address https://pophealth.afms.mil/tsphp/login/add_request.cfm
Go
Request Access
Required fields are in bold.
Rank:
- Select a Rank -
First Name:
Middle Initial:
Last Name:
Suffix:
Location:
- Select a Location -
View loc
DSN Phone:
Comm Phone:
DOB:
Email:
Request Access
Reset
Abort and return to login page.
Done
Internet

Population Health Navigator

Major “Index Card” Sections :

- Demographic Information
- Preventive Services
- Disease and Condition Management
- Administration


MHSPHP - PSIQ Select Standard Report Page - Microsoft Internet Explorer
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Address https://pophealth.afms.mil/tsphp/frameset.cfm#
Go
Logout
NAVY POPULATION HEALTH NAVIGATOR
Information current as of: 31 Jan 2006
Demographics
Preventive Services
Disease/Condition Management
Administration
Generated Reports
Personalization
Documents
Links
Revision History
Logout
Administration
Internet

MHSPHP - PSIQ Documents - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address https://pophealth.afms.mil/tsphp/docs/doc_show.cfm Go

MHSPHP - PSIQ Documents

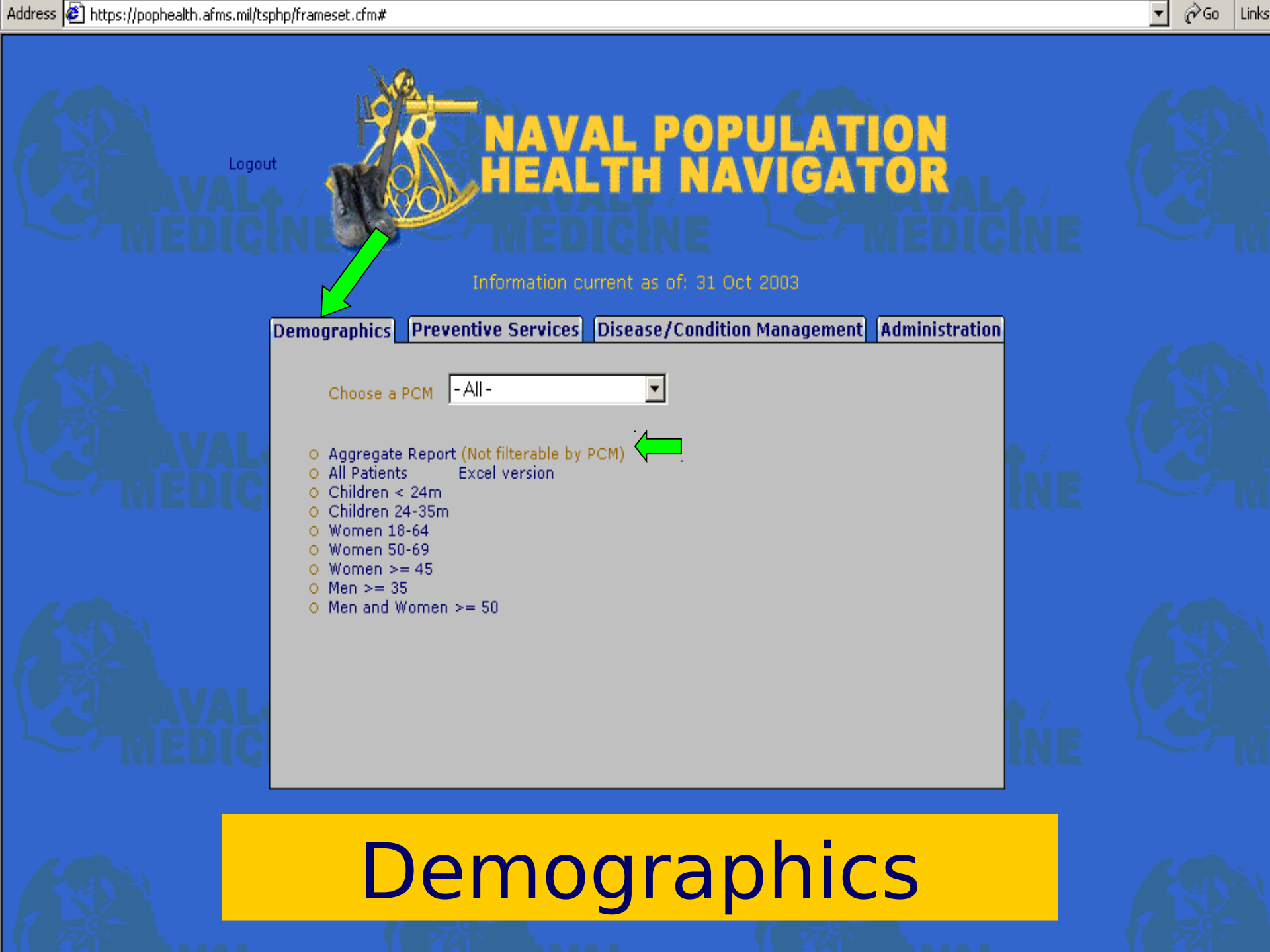
(Select the Download button next to the document to download it.)

Return to Main Application Page

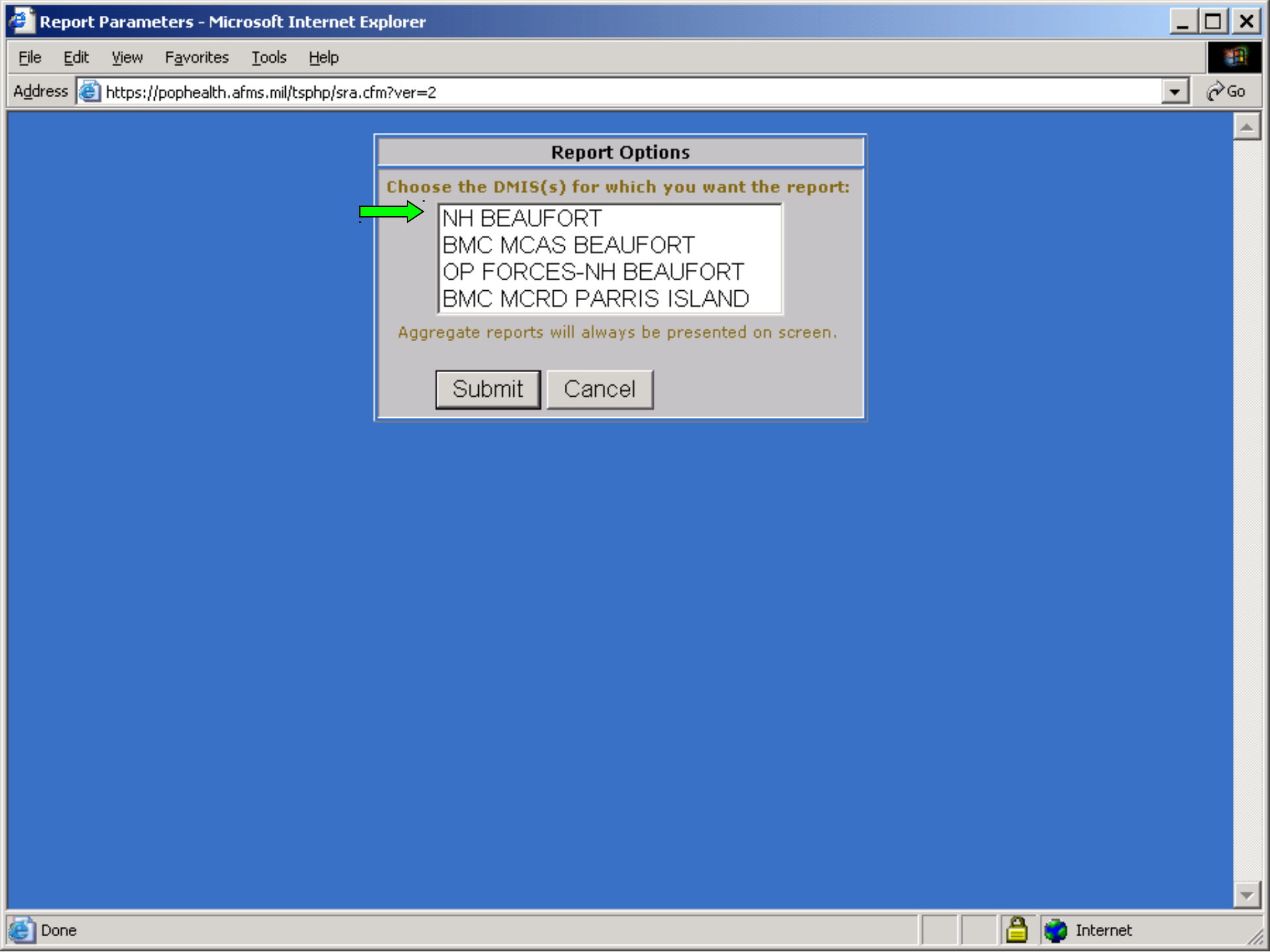
Name	Description	Uploaded by	Date Uploaded	
Application Source Documents				
Customer Requirements Specification	Customer Requirements Specification	CIV Michael A Burroughs	18-Jun-2002	Download
Administrator Documentation				
User Documentation				
MHSPHP User's Guide	MHSPHP User's Guide	CIV Michael A Burroughs	11-Mar-2004	Download
Steps to correct a SADR record	Step by step instructions on how to correct a local ADM/SADR record	Lt Col Christopher J Phillips MD, MPH	04-Apr-2003	Download
Coding pitfalls to avoid with gestational diabetes	Details re. indications for the correct use of gestational diabetes ICD9 codes	Lt Col Christopher J Phillips MD, MPH	14-Jun-2003	Download
2004 MHS Population Health Methods		Maj William M Hirst	25-Jul-2005	Download

Refresh List

Done Internet



Demographics


Report Parameters - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address https://pophealth.afms.mil/tsphp/sra.cfm?ver=2
Go
Report Options
Choose the DMIS(s) for which you want the report:
NH BEAUFORT
BMC MCAS BEAUFORT
OP FORCES-NH BEAUFORT
BMC MCRD PARRIS ISLAND
Aggregate reports will always be presented on screen.
Submit
Cancel
Done
Internet

Aggregate Report - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://pophealth.afms.mil/tsphp/std_report_aggregate.cfm?RequestTimeout=1000

Logout

NAVAL POPULATION HEALTH NAVIGATOR

Information current as of: 31 Jul 2004

Aggregate Report: Demographics -

Return to Main Page

Total Enrollees:	16,007
Children < 24 mos:	901
Children 24 - 35 mos:	399
Women 18 - 64:	5,398
Women 50 - 69:	912
Women >=45:	1,363
Men >=35:	2,181
Men & Women >=50:	1,847

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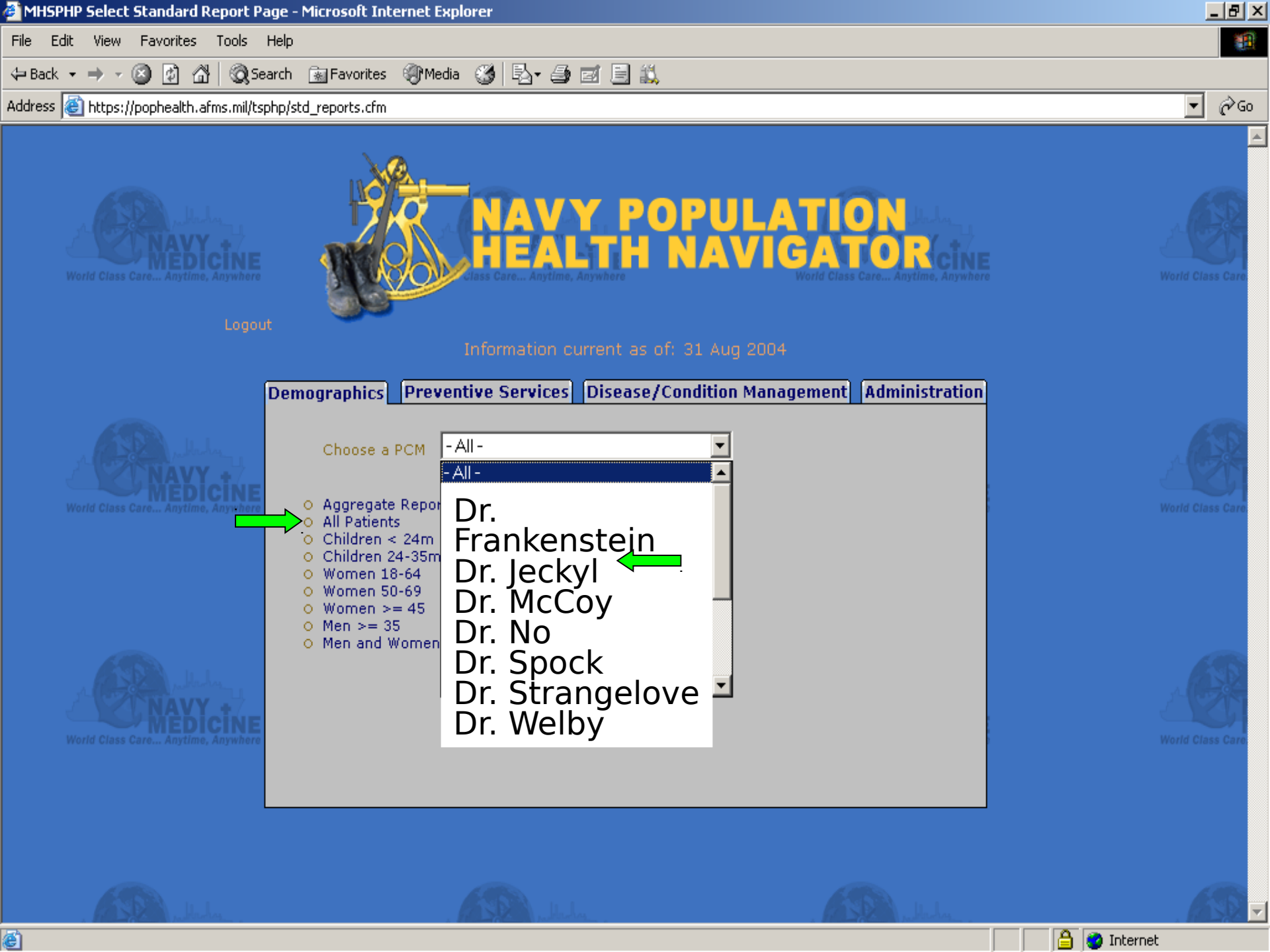
MHSPHP Select Standard Report Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://pophealth.afms.mil/tsphp/std_reports.cfm
Go
NAVY POPULATION HEALTH NAVIGATOR
Logout
Information current as of: 31 Aug 2004
Demographics
Preventive Services
Disease/Condition Management
Administration
Choose a PCM
- All -
- All -
Dr. Frankenstein
Dr. Jeckyl
Dr. McCoy
Dr. No
Dr. Spock
Dr. Strangelove
Dr. Welby
Aggregate Repor
All Patients
Children < 24m
Children 24-35m
Women 18-64
Women 50-69
Women >= 45
Men >= 35
Men and Women
Internet

Standard Report Output - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address https://pophealth.afms.mil/tsphp/std_report_action2.cfm?RequestTimeout=1000 Go

NAVAL POPULATION HEALTH NAVIGATOR

Report Results: All Patients

Facility: 100th MED GRP-DEMO **Records Found: 3421**

(fictitious data)

For Official Use Only (FOUO) - Privacy Act of 1974 Applies

This is **not** an official System of Record; do **not** use as a patient's electronic Medical Rec

Return to Main Page | Open Report in Excel

Patient Name	Sponsor SSN	DDS	DOB	BenCat	PCM Name	Provider Group	Age	Gender	Street 1	Street 2	City	Sta
ABREGO DANIELL	[redacted]		11 May 1962	ADAF	MCCOY L	999th DEMO MED GRP	40.56	F			AIMHIGH	DC
ABREGO GENARO			08 Jun 1992	ADFMLY	MCCOY L	999th DEMO MED GRP	10.48	M			AIMHIGH	DC
ABREGO TAWANNA			11 Sep 1996	ADFMLY	MCCOY L	999th DEMO MED GRP	6.22	F			AIMHIGH	DC
ABREU JEFFIE			22 Apr 1977	ADAF	MCCOY L	999th DEMO MED GRP	25.61	F			AIMHIGH	DC
ACKLIN GENARO			08 Jun 1965	ADAF	MCCOY L	999th DEMO MED GRP	37.48	M			AIMHIGH	DC
ACKLIN JANYCE			23 Apr 1985	ADFMLY	MCCOY L	999th DEMO MED GRP	17.61	F			AIMHIGH	DC
ACKLIN LAURE			14 Aug 1967	ADFMLY	MCCOY L	999th DEMO MED GRP	35.3	F			AIMHIGH	DC
ACKLIN RICARDA			06 Mar 1992	ADFMLY	MCCOY L	999th DEMO MED GRP	10.74	F			AIMHIGH	DC
ACKLIN VALORIE			24 Jun 1988	ADFMLY	MCCOY L	999th DEMO MED GRP	14.44	F			AIMHIGH	DC
ACTON JAYSON			26 Aug 1936	RTAF	MCCOY L	999th DEMO MED GRP	66.26	M			AIMHIGH	DC
ADAME THEO			24 Oct 1981	ADAF	MCCOY L	999th DEMO MED GRP	21.1	M			AIMHIGH	DC
ADAMES AUSTIN			02 Mar 1986	ADFMLY	MCCOY L	999th DEMO MED GRP	16.75	M			AIMHIGH	DC
ADAMES CHARITA			20 Jan 1987	ADFMLY	MCCOY L	999th DEMO MED GRP	15.86	F			AIMHIGH	DC
ADAMES CLAUDE			31 Dec 1962	ADAF	MCCOY L	999th DEMO MED GRP	39.92	M			AIMHIGH	DC
ADAMES DUNCAN			28 Jun 1988	ADFMLY	MCCOY L	999th DEMO MED GRP	14.43	M			AIMHIGH	DC
ADAMES JESTINE			20 Apr 1965	ADFMLY	MCCOY L	999th DEMO MED GRP	37.62	F			AIMHIGH	DC
ADAMES KIMBRA			02 May 1985	ADFMLY	MCCOY L	999th DEMO MED GRP	17.58	F			AIMHIGH	DC
ADCOCK ROSALINDA			15 Jul 1946	RTFMLY	MCCOY L	999th DEMO MED GRP	56.38	F			AIMHIGH	DC
ADCOCK WOODROW			13 Apr 1944	RTAF	MCCOY L	999th DEMO MED GRP	58.63	M			AIMHIGH	DC
ADDISON ANTIONETTE			24 Sep 1973	ADFMLY	MCCOY L	999th DEMO MED GRP	29.19	F			AIMHIGH	DC
ADDISON COLUMBUS			27 Oct 1998	ADFMLY	MCCOY L	999th DEMO MED GRP	4.1	M			AIMHIGH	DC
ADDISON ELLIOTT			09 Jul 1976	ADAF	MCCOY L	999th DEMO MED GRP	26.4	M			AIMHIGH	DC
ADDISON EVON			05 Sep 1997	ADFMLY	MCCOY L	999th DEMO MED GRP	5.24	F			AIMHIGH	DC
AITKEN DALE			10 Jan 1948	RTAF	MCCOY L	999th DEMO MED GRP	54.89	M			AIMHIGH	DC
AITKEN IRINA			27 Jul 1941	RTFMLY	MCCOY L	999th DEMO MED GRP	61.35	F			AIMHIGH	DC

Preventive Services

MHSPHP Select Standard Report Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://pophealth.afms.mil/tsphp/std_reports.cfm
Go

Logout

NAVAL POPULATION HEALTH NAVIGATOR

Information current as of: 31 Mar 2004

Demographics | Preventive Services | Disease/Condition Management | Administration

Choose a PCM: - All -

Asthma	Methodology	Aggregate	Prevalence Report	
Asthma Medication Management	Methodology	HEDIS	Action List	
Acute Lower Back Pain	Methodology	Aggregate	Prevalence Report	
Chronic Lower Back Pain	Methodology	Aggregate	Prevalence Report	
COPD	Methodology	Aggregate	Prevalence Report	
Diabetes	Methodology	HEDIS	Action List	
Diabetic MicroAlbumins	Methodology		Action List	
High Utilizers	Methodology	Aggregate	Prevalence Report	Full Report (All PCMs)
Hypertension	Methodology	Aggregate	Prevalence Report	
Depression	Methodology	Aggregate	Prevalence Report	

Internet

Aggregate Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address https://pophealth.afms.mil/tsphp/std_report_aggregate.cfm?RequestTimeout=1000

Logout

Information current as of: 31 Jan 2005

Aggregate Report: Asthma -

Return to Main Page

Total Patients Enrolled:	21,935
Total Asthma Patients:	355
Total Non-Asthma Patients:	21,580

= 1.6% prevalence rate

Aggregate Report - Microsoft Internet Explorer

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Address https://pophealth.afms.mil/tsphp/std_report_aggregate.cfm?RequestTimeout=1000 Go

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NAVAL POPULATION HEALTH NAVIGATOR

Information current as of: 31 Jul 2004

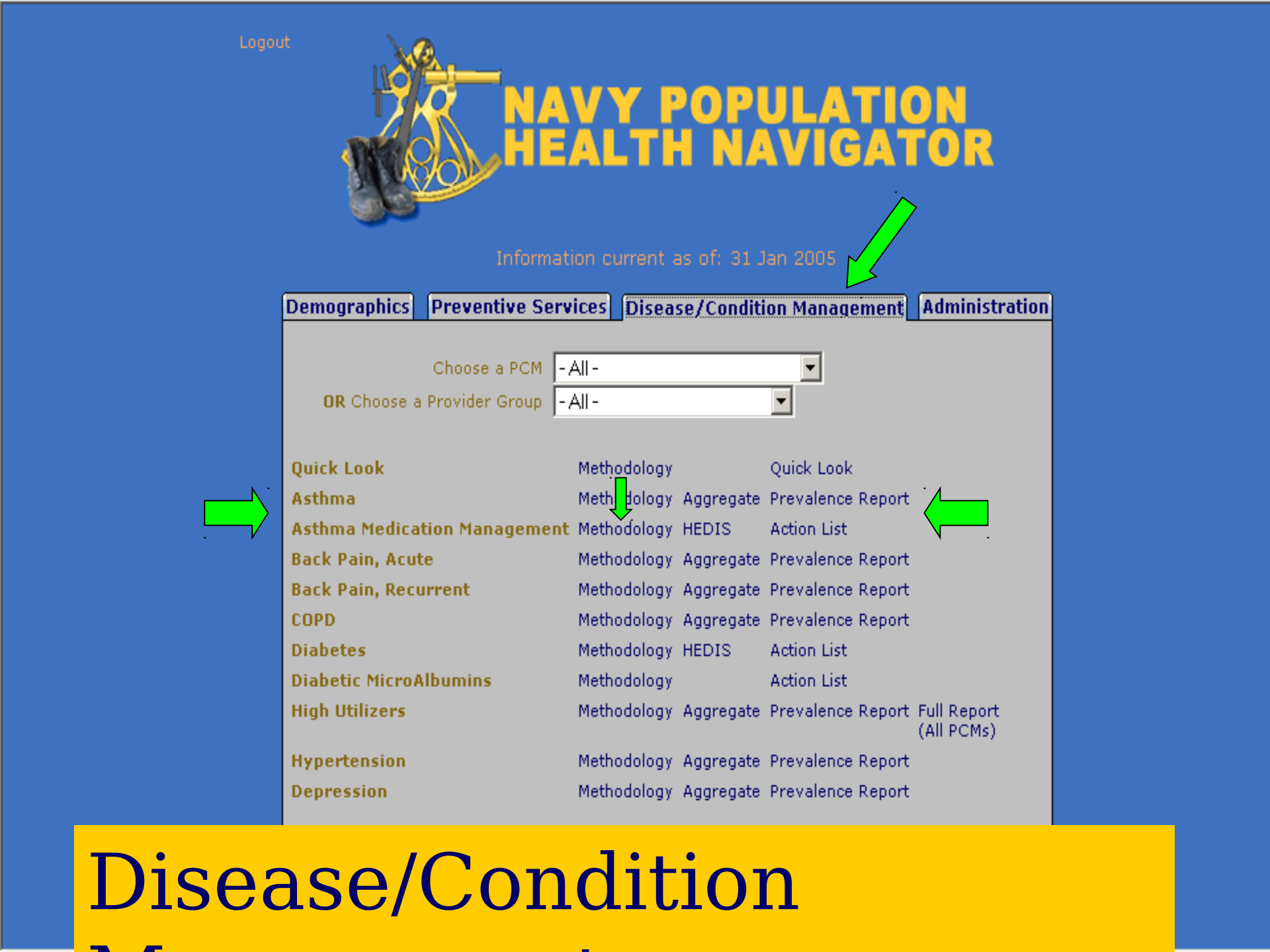
Aggregate Report: Asthma Medication Management -

Return to Main Page

Total # of HEDIS Eligible Asthmatics:	275
Without long-term control meds:	104
With long-term control meds:	171

% compliance = 171/275 = 62%

**This is the value that appears in the PHN Dashboard and the BUMED Business Plan


Logout
NAVY POPULATION HEALTH NAVIGATOR
Information current as of: 31 Jan 2005
Demographics
Preventive Services
Disease/Condition Management
Administration
Choose a PCM
- All -
OR Choose a Provider Group
- All -
Quick Look Methodology Quick Look
Asthma Methodology Aggregate Prevalence Report
Asthma Medication Management Methodology HEDIS Action List
Back Pain, Acute Methodology Aggregate Prevalence Report
Back Pain, Recurrent Methodology Aggregate Prevalence Report
COPD Methodology Aggregate Prevalence Report
Diabetes Methodology HEDIS Action List
Diabetic MicroAlbumins Methodology Action List
High Utilizers Methodology Aggregate Prevalence Report Full Report (All PCMs)
Hypertension Methodology Aggregate Prevalence Report
Depression Methodology Aggregate Prevalence Report

Disease/Condition

https://pophealth.afms.mil/tsphp/Methodology/asthma_meds.doc - Microsoft Internet Explorer
File Edit View Insert Format Tools Table Go To Favorites Help
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Address https://pophealth.afms.mil/tsphp/Methodology/asthma_meds.doc Go

Asthma - Use of Appropriate Medications

MHS WEB PORTAL METHODOLOGY & MEASUREMENT

Background:

The MHS Population Health Web Portal methodology is based on the 2005 Health Plan Employer Data and Information Set (HEDIS®) criteria. These are a set of criteria used to benchmark treatment facilities using a common methodology and should not be confused with clinical practice guidelines. This process measure evaluates if enrollees with persistent asthma are prescribed medications for long-term asthma control. In order to obtain information based on administrative sources, the term "persistent" asthma is based on the previous year's services and medication use rather than the clinical measurement of severity. The "action report" provided to treatment facilities on the MHS Population Health Web Portal includes persistent asthmatics age 5-56.

Measure Definition:

Percentage of DoD MTF enrollees, ages 5–56, with persistent asthma who are prescribed medications considered acceptable as a primary therapy for the long-term control of asthma.

Benchmark:

Health Plan Employer Data and Information Set (**HEDIS®**) 50^{th}-75^{th}-90^{th} percentiles: National Committee for Quality Assurance (NCQA), State of Health Care Quality, 2004

Benchmark	HEDIS® Percentiles (50-75-90)
Appropriate Meds for Asthmatics	72.7%---76.0%---78.0%

Numerator:

Number of DoD MTF enrollees, ages 5-56, who were continuously enrolled and identified during the first year of the last two years as having persistent asthma and had at least one dispensed prescription for inhaled corticosteroids, nedocromil, cromolyn

HEDIS Metric

- **Definition**: Percentage of patients with persistent* asthma (5-56yo), continuously enrolled (x24 months) to an MTF with at least one medication considered as acceptable for primary therapy** for the long-term control of asthma in the last 12 months

- **Includes**:
  - Patients diagnosed with Asthma (493) as principal dx
    - 1 Inpatient Admission **OR** 1 ER visit **OR** 4 outpatient visits (w/ 2 med events)
  - Patients with Asthma Meds (x4 events) (MTF, network, mail order)
  - Both MTF & network care
  - Action List contains all asthmatics > 1yo

Med Event = 30day supp

- **Excludes**:
  - Patients with COPD, emphysema

- **Benchmark**: **78.0%** (HEDIS 90th percentile)
- **Navy Average**: **70.5%** (as of 28Feb 05)

HEDIS Metric

- **Definition**: Percentage of patients with **persistent*** asthma (5-56yo), continuously enrolled (x24 months) to an MTF with at least one medication considered as **acceptable for primary therapy**** for the long-term control of asthma in the last 12 months

- **Caveats**:
  - Identification of Patients (denominator)
    - The term persistent is based on the previous year's services and medication use rather than the clinical measurement of severity
    - Patients are identified 12-24 months ago
  - Acceptable meds (numerator)
    - ICS, nedocromil, cromolyn sodium, methylxanthines, leukotriene modifiers
    - Treatment identified in last 12 months

New BUMED Metric

For inclusion in FY06 BUMED Business Plan:

- **Definition**: Percentage of patients with persistent asthma (5-56yo), continuously enrolled (**x12 months**) to an MTF with at least one prescription for **inhaled corticosteroids** for the long-term control of asthma in the last 12 months

- **Benchmark: NAVY** 90th percentile (76.3%).
- **Comparison: NAVY** 50th percentile (68.0%)

Logout

NAVY POPULATION HEALTH NAVIGATOR

Information current as of: 31 Jan 2005

Demographics | Preventive Services | Disease/Condition Management | Administration

Choose a PCM: - All -

OR Choose a Provider Group: - All -

Quick Look	Methodology		Quick Look	
Asthma	Methodology	Aggregate	Prevalence Report	
Asthma Medication Management	Methodology	HEDIS	Action List	
Back Pain, Acute	Methodology	Aggregate	Prevalence Report	
Back Pain, Recurrent	Methodology	Aggregate	Prevalence Report	
COPD	Methodology	Aggregate	Prevalence Report	
Diabetes	Methodology	HEDIS	Action List	
Diabetic MicroAlbumins	Methodology		Action List	
High Utilizers	Methodology	Aggregate	Prevalence Report	Full Report (All PCMs)
Hypertension	Methodology	Aggregate	Prevalence Report	
Depression	Methodology	Aggregate	Prevalence Report	

Logout

NAVY POPULATION HEALTH NAVIGATOR

Information current as of: 31 Jan 2005

Demographics | Preventive Services | Disease/Condition Management | Administration

Choose a PCM: - All -

OR Choose a Provider Group: - All -

Quick Look	Methodology		Quick Look	
Asthma	Methodology	Aggregate	Prevalence Report	
Asthma Medication Management	Methodology	HEDIS	Action List	
Back Pain, Acute	Methodology	Aggregate	Prevalence Report	
Back Pain, Recurrent	Methodology	Aggregate	Prevalence Report	
COPD	Methodology	Aggregate	Prevalence Report	
Diabetes	Methodology	HEDIS	Action List	
Diabetic MicroAlbumins	Methodology		Action List	
High Utilizers	Methodology	Aggregate	Prevalence Report	Full Report (All PCMs)
Hypertension	Methodology	Aggregate	Prevalence Report	
Depression	Methodology	Aggregate	Prevalence Report	

- Action List contains:
  - Patient Info: name, SSN, DOB, age, BenCat
  - Provider Info: PCM name, group
  - Patient Contact Info: address, phone
  - Medication fields: HEDIS med, date, Steroid med, date
  - *Utilization data: # Inpt, ED, Outpatient Visits*

  - Those w/o meds are highlighted, then sorted by date of last med
  - Action List contains patients identified in last 12 months

Provider Group	Rx Date	Drug Name	Steroid	Steroid Rx Date
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	No Rx Found			
FAMILY PRACTICE	08 Feb 2004	FLOVENT	FLOVENT	08 Feb 2004
FAMILY PRACTICE	10 Feb 2004	ADVAIR DISKUS	ADVAIR DISKUS	10 Feb 2004
FAMILY PRACTICE	17 Feb 2004	ADVAIR DISKUS	ADVAIR DISKUS	17 Feb 2004
FAMILY PRACTICE	19 Feb 2004	FLOVENT	FLOVENT	19 Feb 2004
FAMILY PRACTICE	24 Feb 2004	FLOVENT	FLOVENT	24 Feb 2004
FAMILY PRACTICE	22 Mar 2004	SINGULAIR	ADVAIR DISKUS	20 Feb 2004
FAMILY PRACTICE	22 Mar 2004	SINGULAIR		
FAMILY PRACTICE	25 Mar 2004	ADVAIR DISKUS	ADVAIR DISKUS	25 Mar 2004
FAMILY PRACTICE	31 Mar 2004	PULMICORT	PULMICORT	31 Mar 2004

BenCat	PCM Name	Provider Group	Outpatient Visits	ER Visits	Hospitalizations	Dispensing Events	Street 1
ADFMLY		PEDIATRIC CL NH-GRP	3	1		5	
RTFMLY		FAM PRACTICE NH-GRP	1			7	
ADN		FAM PRACTICE NH-GRP	4			4	
ADFMLY		FAM PRACTICE NH-GRP	4			4	
ADFMLY		FAM PRACTICE NH-GRP	7			21	
RTFMLY		FAM PRACTICE NH-GRP	9	1	1	12	
ADFMLY		FAM PRACTICE NH-GRP	2			5	
ADFMLY		FAM PRACTICE NH-GRP	3			4	
RTFMLY		FAM PRACTICE NH-GRP	2			7	
RTFMLY		PEDIATRIC CL NH-GRP				4	
ADN		FAM PRACTICE NH-GRP				17	
RTFMLY		PEDIATRIC CL NH-GRP	1	1		3	
ADAF		FAM PRACTICE NH-GRP				13	
ADFMLY		INT MED CL NH-GRP	1			10	
RTFMLY		FAM PRACTICE NH-GRP	1			7	
ADFMLY		FAM PRACTICE NH-GRP	3			7	
ADFMLY		PEDIATRIC CL NH-GRP	10	2		23	
RTN		FAM PRACTICE NH-GRP		2			
ADFMLY		FAM PRACTICE NH-GRP	2			8	
RTFMLY		INT MED CL NH-GRP				7	
ADFMLY		FAM PRACTICE NH-GRP		1		5	
ADFMLY		PEDIATRIC CL NH-GRP				6	
RTFMLY		INT MED CL NH-GRP	1			8	
ADN		FAM PRACTICE NH-GRP	4			12	
ADFMLY		PEDIATRIC CL NH-GRP	6			9	
RTN		FAM PRACTICE NH-GRP				5	

Using PHN Data

- Actions that might be considered
  - Sort by age, PCM clinic, PCM provider
  - Find patients not on appropriate meds
  - Contact patients using demographic information
  - Assess utilization behavior for intervention
    - Lots of ER visits
    - ER/inpatient visits without outpatient care or meds
    - Consider case management for designated patients
  - Compare quality of care via HEDIS measure
  - Download into Excel or Access for further eval’n

Leading the Team

- Use your Health Care Team!!!
  - WHO is going to identify/contact patients?
  - HOW are you going to contact patients?

  - WHO is going to pull data and HOW often?
  - WHO is going to analyze/distribute the data?
  - HOW will data be used for feedback?

  - WHAT is your current performance?
  - WHAT are your goals/benchmarks?
  - WHAT will you do when you reach your goals?

Other PHN Features that may be of interest...

- Quick Look Sheet
- High Utilizer File

Logout

NAVY POPULATION HEALTH NAVIGATOR

Information current as of: 31 J[illegible] 2005

Demographics | Preventive Services | Disease/Condition Management | Administration

Choose a PCM: - All -

OR Choose a Provider Group: - All -

Quick Look	Methodology		Quick Look	
Asthma	Methodology	Aggregate	Prevalence Report	
Asthma Medication Management	Methodology	HEDIS	Action List	
Back Pain, Acute	Methodology	Aggregate	Prevalence Report	
Back Pain, Recurrent	Methodology	Aggregate	Prevalence Report	
COPD	Methodology	Aggregate	Prevalence Report	
Diabetes	Methodology	HEDIS	Action List	
Diabetic MicroAlbumins	Methodology		Action List	
High Utilizers	Methodology	Aggregate	Prevalence Report	Full Report (All PCMs)
Hypertension	Methodology	Aggregate	Prevalence Report	
Depression	Methodology	Aggregate	Prevalence Report	

Report Results: Quick Look

Facility: **PCM: - All -** **Records Found: 2079**

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Return to Main Page|Open Report in Excel

NAVY POPULATION HEALTH NAVIGATOR

Patient Name	Sponsor SSN	FMP	DOB	Age	Sex	BenCat	PCM Name	Provider Group
		20	26 Jan 1951	54	M	RTN		FAMILY PRACTICE OC
		30	29 Jun 1970	34	F	ADFMLY		FAMILY PRACTICE OC
		30	13 Apr 1946	58	F	RTFMLY		FAMILY PRACTICE OC
		20	31 Dec 1971	33	M	ADN		FAMILY PRACTICE OC
		20	12 Apr 1964	40	M	ADN		FAMILY PRACTICE OC
		20	15 Nov 1968	36	F	ADN		FAMILY PRACTICE OC
		20	08 Oct 1976	28	F	ADN		FAMILY PRACTICE OC
		02	04 Apr 2002	2	M	ADFMLY		FAMILY PRACTICE OC
		30	11 Dec 1978	26	F	ADFMLY		FAMILY PRACTICE OC
		02	27 Apr 1985	19	M	RTFMLY		FAMILY PRACTICE OC
		20	14 Oct 1952	52	M	RTN		FAMILY PRACTICE OC
		30	13 Sep 1957	47	F	RTFMLY		FAMILY PRACTICE OC
		01	12 Sep 1989	15	F	ADFMLY		FAMILY PRACTICE OC
		30	06 Oct 1960	44	F	ADFMLY		FAMILY PRACTICE OC
		01	03 Jun 2003	1	M	ADFMLY		FAMILY PRACTICE OC
		30	11 Feb 1972	32	F	ADFMLY		FAMILY PRACTICE OC
		30	11 May 1964	40	F	RTFMLY		FAMILY PRACTICE OC
		20	22 Aug 1972	32	M	ADN		FAMILY PRACTICE OC
		30	12 Nov 1975	29	F	ADFMLY		FAMILY PRACTICE OC
		01	18 Nov 1993	11	M	ADFMLY		FAMILY PRACTICE OC
		20	05 Feb 1943	61	M	RTN		FAMILY PRACTICE OC
		30	13 Oct 1945	59	F	RTFMLY		FAMILY PRACTICE OC
		30	22 Nov 1971	33	F	ADFMLY		FAMILY PRACTICE OC
		02	29 Nov 1998	6	M	ADFMLY		FAMILY PRACTICE OC
		03	24 Sep 2002	2	M	ADFMLY		FAMILY PRACTICE OC

Provider Group	Pap Date	Mammography Date	Hypertension	Asthma	Diabetes	Dyslipidemia	Depression	HU Visits
FAMILY PRACTICE	02 Jun 2004							
FAMILY PRACTICE						YES		
FAMILY PRACTICE			YES		YES	YES		45
FAMILY PRACTICE								30
FAMILY PRACTICE	22 Oct 2003		YES					23
FAMILY PRACTICE	19 Mar 2004					YES		22
FAMILY PRACTICE	01 Jul 2004							22
FAMILY PRACTICE				YES				21
FAMILY PRACTICE	13 Aug 2003					YES		21
FAMILY PRACTICE								20
FAMILY PRACTICE								20
FAMILY PRACTICE	08 Apr 2004							18
FAMILY PRACTICE								18
FAMILY PRACTICE	26 Jan 2005							18
FAMILY PRACTICE								17
FAMILY PRACTICE								16
FAMILY PRACTICE	23 Sep 2004					YES		16
FAMILY PRACTICE	10 Sep 2004							16
				YES				16
FAMILY PRACTICE	22 Apr 2004							16
FAMILY PRACTICE								16
FAMILY PRACTICE	04 Jan 2005							15
FAMILY PRACTICE				YES				15
FAMILY PRACTICE				YES				15
FAMILY PRACTICE	08 Oct 2004							15
FAMILY PRACTICE								15

Logout

NAVY POPULATION HEALTH NAVIGATOR

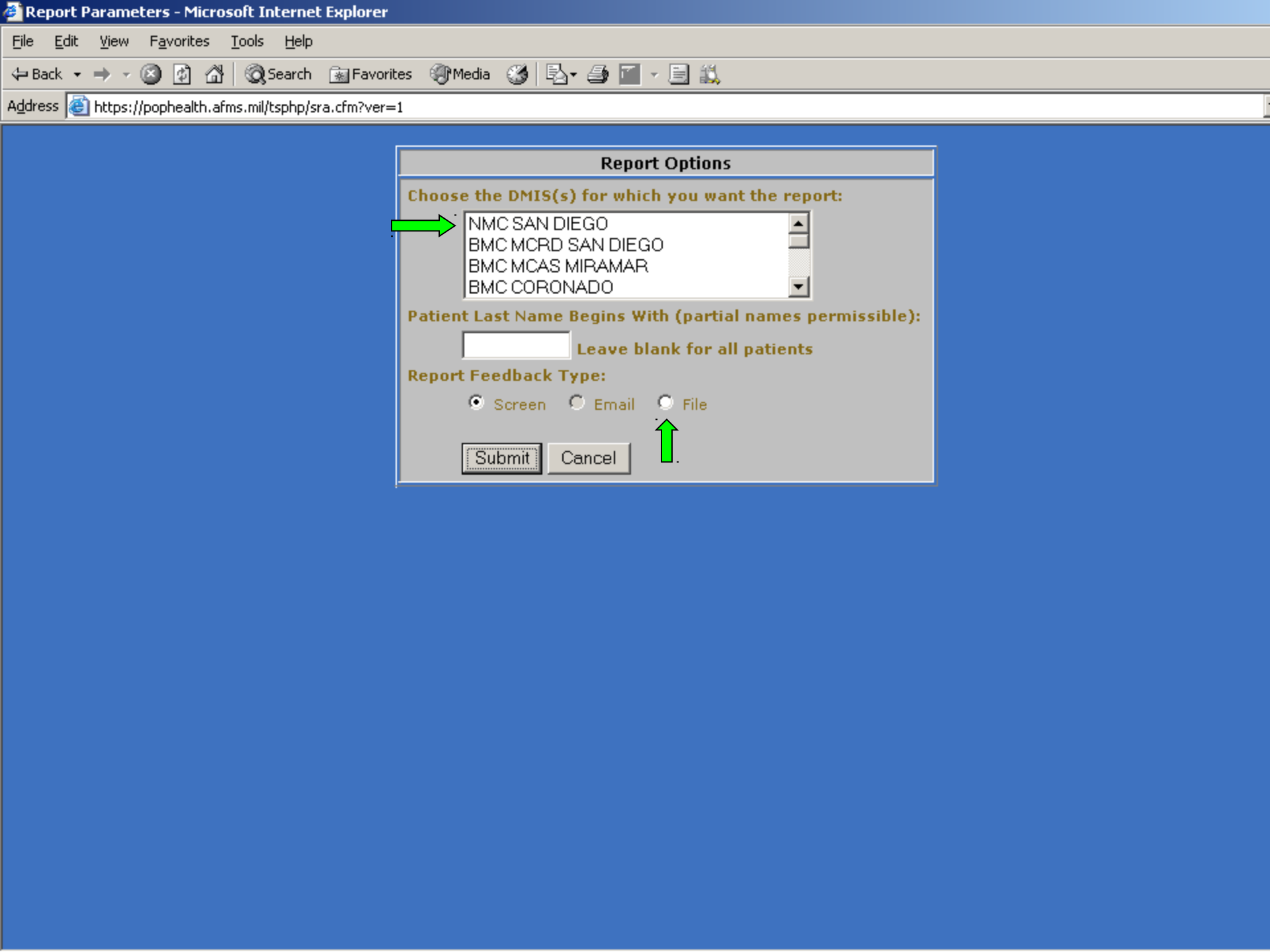
Information current as of: 31 Jan 2005

Demographics | Preventive Services | Disease/Condition Management | Administration

Choose a PCM: - All -

OR Choose a Provider Group: - All -

Quick Look	Methodology		Quick Look	
Asthma	Methodology	Aggregate	Prevalence Report	
Asthma Medication Management	Methodology	HEDIS	Action List	
Back Pain, Acute	Methodology	Aggregate	Prevalence Report	
Back Pain, Recurrent	Methodology	Aggregate	Prevalence Report	
COPD	Methodology	Aggregate	Prevalence Report	
Diabetes	Methodology	HEDIS	Action List	
Diabetic MicroAlbumins	Methodology		Action List	
High Utilizers	Methodology	Aggregate	Prevalence Report	Full Report (All PCMs)
Hypertension	Methodology	Aggregate	Prevalence Report	
Depression	Methodology	Aggregate	Prevalence Report	

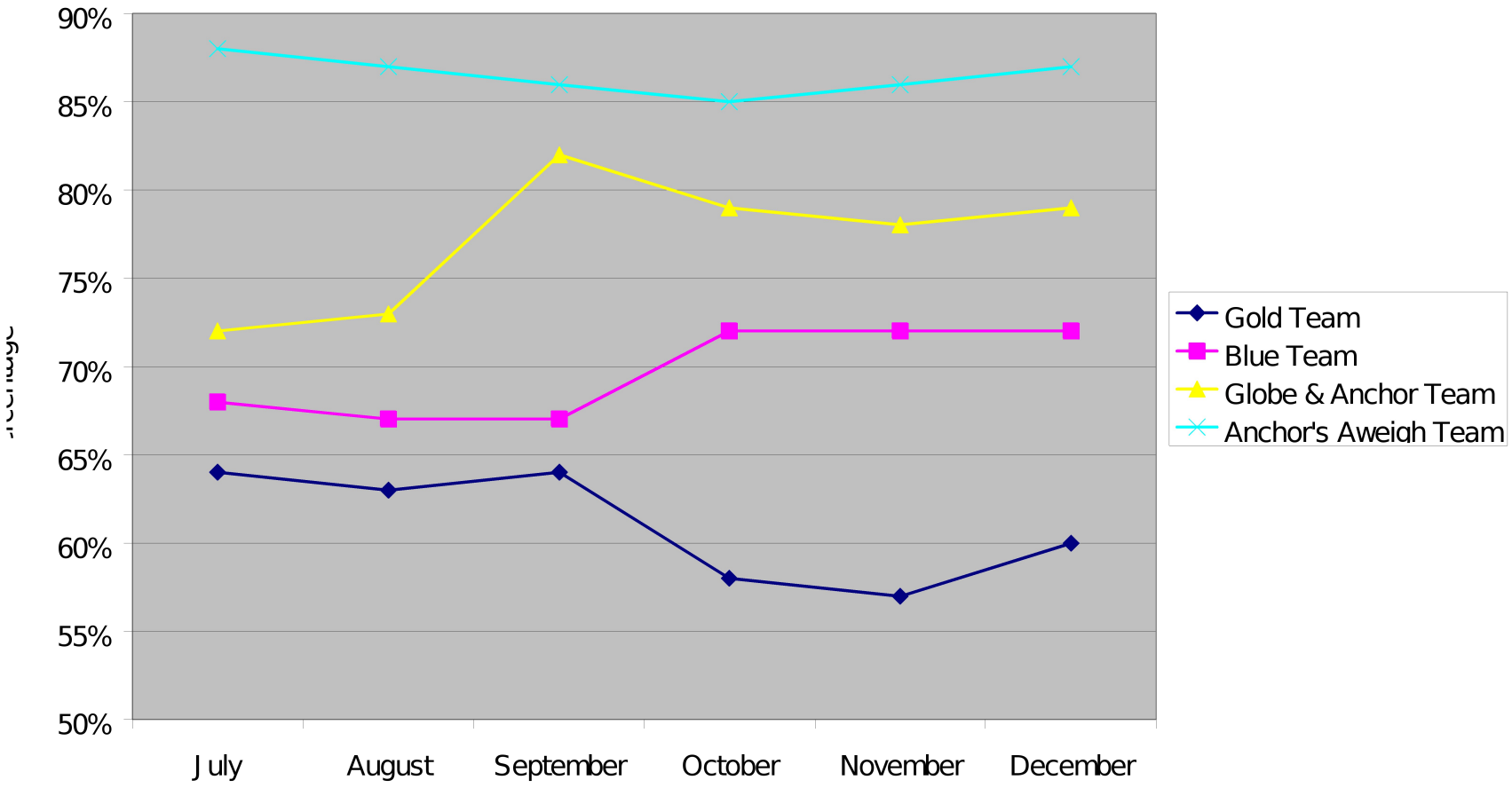

Report Parameters - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://pophealth.afms.mil/tsphp/sra.cfm?ver=1
Report Options
Choose the DMIS(s) for which you want the report:
NMC SAN DIEGO
BMC MCRD SAN DIEGO
BMC MCAS MIRAMAR
BMC CORONADO
Patient Last Name Begins With (partial names permissible):
Leave blank for all patients
Report Feedback Type:
Screen
Email
File
Submit
Cancel

PCM Name	Provider Group	Date	Clinic	Tmt Location	System	ICD9 Code	ICD9 Description
	FAMILY PRACTICE	23 Sep 2004	BGAA	0104	DIRECT	[illegible]7	CHONDR[illegible]ALACIA PATELLAE
	FAMILY PRACTICE	26 Aug 2004	BGAA	0104	DIRECT	V25.9	CONT[illegible]CEPTIVE MANGMT NOS
	FAMILY PRACTICE	12 Jul 2004	BGAA	0104	DIRECT	380.10	INFEC OTITIS EXTERNA NOS
	FAMILY PRACTICE	08 Jul 2004	BGAA	0104	DIRECT	472.0	CHRONIC RHINITIS
	FAMILY PRACTICE	30 Mar 2004	BGAA	0104	DIRECT	477.9	ALLERGIC RHINITIS NOS
	FAMILY PRACTICE	15 Apr 2004	BGAA	0104	DIRECT	599.0	URIN TRACT INFECTION NOS
	FAMILY PRACTICE	20 Apr 2004	BGAA	0104	DIRECT	V72.3	GYNECOLOGIC EXAMINATION
One Patient's Visits	FAMILY PRACTICE	19 Apr 2004	BGAA	0104	DIRECT	311	DEPRESSIVE DISORDER NEC
	FAMILY PRACTICE	03 May 2004	BGAA	0104	DIRECT	311	DEPRESSIVE DISORDER NEC
	FAMILY PRACTICE	20 May 2004	BGAA	0104	DIRECT	789.00	ABDMNAL PAIN UNSPCF SITE
	FAMILY PRACTICE	23 Aug 2004	BGAA	0104	DIRECT	724.5	BACKACHE NOS
	FAMILY PRACTICE	09 Aug 2004	BGAA	0104	DIRECT	724.5	BACKACHE NOS
	FAMILY PRACTICE	01 Jun 2004	BGAA	0104	DIRECT	789.00	ABDMNAL PAIN UNSPCF SITE
	FAMILY PRACTICE	19 May 2004	BGAA	0104	DIRECT	789.00	ABDMNAL PAIN UNSPCF SITE
	FAMILY PRACTICE	15 Sep 2004	BIAE	0104	DIRECT	724.2	LUMBAGO
	FAMILY PRACTICE	22 Jan 2005	BIAE	0104	DIRECT	521.00	DENTAL CARIES NOS
	FAMILY PRACTICE	14 Jan 2005	BIAE	0104	DIRECT	522.5	PERIAPICAL ABSCESS
	FAMILY PRACTICE	21 Dec 2004	BGAA	0104	DIRECT	311	DEPRESSIVE DISORDER NEC
	FAMILY PRACTICE	19 Nov 2004	BGAA	0104	DIRECT	729.5	PAIN IN LIMB
	FAMILY PRACTICE	09 Nov 2004	BGAA	0104	DIRECT	729.5	PAIN IN LIMB
	PEDIATRIC GROUP	09 Apr 2004	BIAE	0104	DIRECT	780.2	SYNCOPE AND COLLAPSE
	PEDIATRIC GROUP	12 Apr 2004	BDAA	0104	DIRECT	V65.40	COUNSELING NOS
	PEDIATRIC GROUP	09 May 2004	BIAE	0104	DIRECT	527.2	SIALOADENITIS
	PEDIATRIC GROUP	14 May 2004	BDAA	0104	DIRECT	782.2	LOCAL SUPRFICIAL SWELLNG
	PEDIATRIC GROUP	18 Jun 2004	GENPRAC	ERHOSP	NETWORK	780.39	CONVULSIONS NEC
	PEDIATRIC GROUP	17 Jul 2004	PEDS	ERHOSP	NETWORK	780.39	CONVULSIONS NEC

Objectives

- Population Health Navigator (45 minutes)
  - Describe contents of the PHN
  - Describe how to use the PHN
  - Manipulate data from the PHN for specific conditions
- Questions (5 minutes)
- Hands-on (20 minutes)

Asthma Compliance by Month

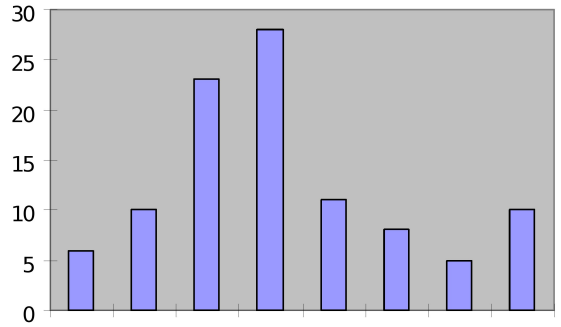


Basic Excel Skills

- Basic Excel Skills can serve you well in analyzing PopHealth Navigator data.
  - Sort — e.g. sorting/ranking
  - Filter** — e.g. isolate clinic, doc
  - Sum =SUM(range) — e.g. utilization metrics
  - Average =AVERAGE(range) — e.g. average A1C
  - Count If =COUNTIF(range,"<7") — e.g. A1C <7
- No repetitive tasks should take >10 minutes!

Additional Excel Skills

- Intermediate Excel Skills
  - Add-In “Analysis ToolPak” (under “Tools”) allows Data Analysis capability
    - Descriptive Statistics (e.g. min, max, mean, SE, SD)
    - Rank and Percentile
    - Histogram
- Advanced Excel Skills
  - Pivot Tables
  - Mail Merge Letters



Exercise Part 1

- Look up your clinic's data for the HEDIS Clinical Metrics being reported in the BUMED Business Plan via the PHN Dashboard
  - Long-Term Asthma Medication Use

https://dataquality.med.navy.mil/reconcile/pophealth

Exercise Part 2a

- Look up your clinic's data for the HEDIS Clinical Metric using the Population Health Navigator
  - Long-Term Asthma Medications
  - **Make a note of total HEDIS eligible asthmatics**

https://pophealth.afms.mil

Exercise Part 2b

- Pull up the Asthma “Action List”
  - How many asthmatics are on the action list?
  - How does this compare with the number of HEDIS®-eligible diabetics?
- What’s the difference between these 2 groups?

Exercise Part 3

- What % of asthmatics on the action list have:
  - No HEDIS-appropriate medication?
  - No inhaled corticosteroid medication?

  (**Hint**: Use Excel and/or the calculator on the computer when trying to figure out data)

  - Extra Credit: What is the compliance rate for asthma medications for the Internal Medicine Clinic versus Pediatric Clinic?

Exercise Lessons

- What questions arise during this exercise related to:
  - Coding
  - Enrollment
  - Process